FIG. 6

FLOWCHART OF AVERAGE CURRENT WAVEFORM CALCULATION PROCESSING
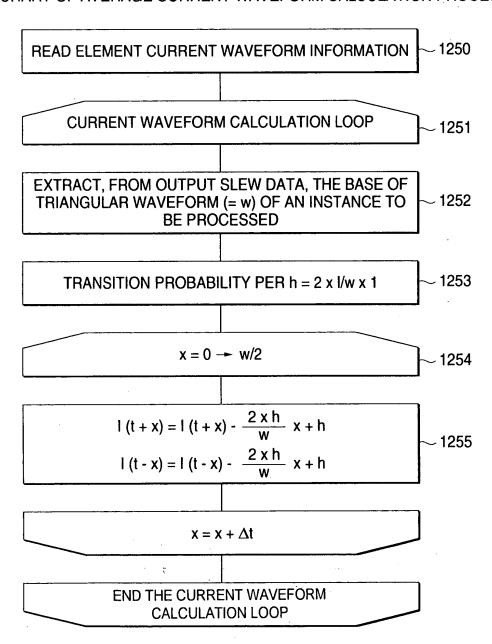
READ ELEMENT CURRENT WAVEFORM INFORMATION — 1250

CURRENT WAVEFORM CALCULATION LOOP — 1251

EXTRACT, FROM OUTPUT SLEW DATA, THE BASE OF TRIANGULAR WAVEFORM (= w) OF AN INSTANCE TO BE PROCESSED — 1252

TRANSITION PROBABILITY PER h = 2 x I/w x 1 — 1253

x = 0 → w/2 — 1254

$$I(t + x) = I(t + x) - \frac{2 \times h}{w} x + h$$

$$I(t - x) = I(t - x) - \frac{2 \times h}{w} x + h$$

— 1255

x = x + Δt

END THE CURRENT WAVEFORM CALCULATION LOOP

FIG. 9

FLOWCHART OF RANDOM CURRENT WAVEFORM CALCULATION PROCESSING

READ ELEMENT CURRENT WAVEFORM INFORMATION — 1280

CURRENT WAVEFORM CALCULATION LOOP — 1281

PERFORM LOOP PROCESSING UNTIL y = 1
ASSUMES THE VALUE OF A FREQUENCY — 1282

1283

DETERMINE WHETHER
OR NOT A RANDOM NUMBER IS SMALLER THAN THE
VALUE OF PROBABILITY

EXTRACT, FROM OUTPUT SLEW DATA, THE BASE OF
TRIANGULAR WAVEFORM (= w) OF AN INSTANCE TO
BE PROCESSED — 1284

$h = 2 \times I/w$ — 1285

$x = 0 \rightarrow w/2$ — 1286

$$I\,(t+x) = I\,(t+x) - \frac{2 \times h}{w}\, x + h$$

$$I\,(t-x) = I\,(t-x) - \frac{2 \times h}{w}\, x + h$$

— 1287

$x = x + \Delta t$

$y = y + 1$

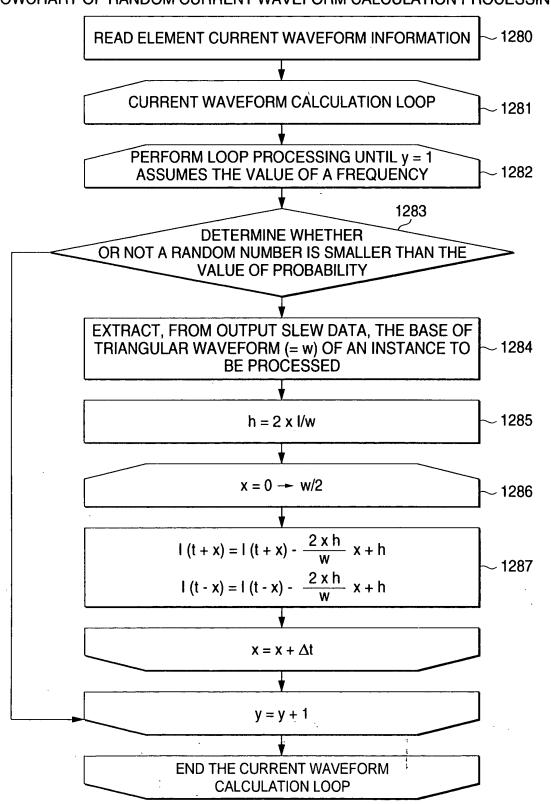END THE CURRENT WAVEFORM
CALCULATION LOOP

FIG. 14

FLOWCHART OF PROCESSING PERTAINING TO AVERAGE
CURRENT WAVEFORM CALCULATION PROCESSING

| READ ELEMENT CURRENT WAVEFORM INFORMATION | ~ 1310 |

| CURRENT WAVEFORM CALCULATION LOOP | ~ 1311 |

| MULTIPLY DELAY/TRANSITION PROBABILITY INFORMATION BY CURRENT WAVEFORM INFORMATION | ~ 1312 |

| ADD RESULTANT INFORMATION TO AVERAGE CURRENT | ~ 1313 |

| END THE CURRENT WAVEFORM CALCULATION LOOP |